

REMARKS

Claims 1-20 are pending. Claims 1, 5, 6, 8, 10, 15, and 17 have been amended.

Objections to the Specification

The abstract of the disclosure was objected to because it exceeded the 150-word limit.

Applicant has amended the abstract and believes it to be in compliance with MPEP § 608.01(b).

Applicant respectfully asks the Examiner to withdraw this rejection.

Applicant would also like to note that the title of the disclosure has been amended to correct a minor typographical error.

Claim Rejections

Pending claims 1-20 have been rejected under 35 U.S.C. § 102(b) as being anticipated by Sun *et al.* (US Patent 5,778,881). In view of the amendments made to claim 1, applicant respectfully traverses the ground for this rejection.

Under 35 U.S.C. § 102(b), "a claim is anticipated if each and every limitation is found either expressly or inherently in a single prior art reference." *Celeritas Techs., Ltd. v. Rockwell Int'l. Corp.*, 150 F.3d 1354, 1361, 47 U.S.P.Q.2d 1516, 1522 (Fed. Cir. 1998). The standard for lack of novelty, that is, for "anticipation," is one of strict identity. *Trintec Indus., Inc. v. Top-U.S.A. Corp.*, 295 F.3d 1292, 1296, 63 U.S.P.Q.2d 1597, 1600 (Fed. Cir. 2002). Applicant has amended claim 1 to show that the extracting means decomposes the signal into N parameterized bump functions. Sun discloses using wavelet transforms to model the wave once sampled wave data is collected. *See* Col. 9, Lns. 9-60. This process is entirely different than using parameterized bump functions as disclosed in the present invention. Although Sun transforms samples from the frame into "W.T. coefficients" this is not the same as modeling the wave forms using bump functions. For this reason, Sun fails to disclose "decomposing the signal in N

parameterized bump functions" as taught in amended claim 1, and applicant respectfully asks the Examiner to withdraw the grounds for this rejection, and similarly for the rejections of claims 2-20, which depend either directly or indirectly from claim 1.

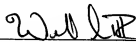
CONCLUSION

Reconsideration of this application in view of the foregoing remarks respectfully is requested.

The Examiner is invited to call Applicant's undersigned attorney if doing so would expedite prosecution.

Date: January 10, 2007

Respectfully submitted,



William Benjamin Tabler III
Registration No: 53,668
Attorney for Applicant
Phone No.: (212) 506-5284
Fax No.: (212) 506-5151

MAILING ADDRESS:
Orrick, Herrington & Sutcliffe LLP
IP Prosecution Department
4 Park Plaza, Suite 1600
Irvine, CA 92614-2558
Customer Number: 34313